

## COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

Attorney Docket No: PD-203016

- ☒ Original  
☐ Continuation  
☐ Division  
☐ Continuation-in-Part  
☐ Supplemental

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **Method and System for Providing Low Density Parity Check (LDPC) Encoding**

the specification of which:

(check one) ☒ is attached hereto.  
☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §§119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application that designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate, or of any PCT international application, having a filing date before that of the application on which priority is claimed:

Foreign Application Number	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Claimed	Certified Copy Attached
			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

Application Number	Filing Date (MM/DD/YYYY)
60/393,457	July 3, 2002
60/398,760	July 26, 2002
60/403,812	August 15, 2002
60/421,505	October 25, 2002
60/421,999	October 29, 2002
60/423,710	November 4, 2002
60/440,199	January 15, 2003
60/447,641	February 14, 2003
60/456,220	March 20, 2003
Description LDPC and BCH Encoders	May 9, 2003
Description LDPC and BCH Encoders	June 24, 2003
Description LDPC and BCH Encoders	June 24, 2003

I hereby claim the benefit under 35 U.S.C §120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Parent Application or Parent PCT Number	Filing Date (MM/DD/YYYY)	Patent Number (if applicable)

I hereby appoint the following attorneys, or agent and attorneys, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John T. Whelan  
Craig L. Plastrik  
Michael W. Sales

Registration No. 32,448  
Registration No. 41,254  
Registration No. 30,213

### Correspondence Address:

Name: Hughes Electronics Corporation  
Patent Docket Administration

Address: P.O. Box 956  
Bldg. 1, Mail Stop A109

City/State/Zip: El Segundo, CA 90245-0956

Country: USA

Telephone: 301-428-5965

Facsimile: 301-428-2802

I hereby declare that all statement made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or Joint Inventor: Mustafa Eroz	Inventor's Signature:	Date:
Residence (City and State) Germantown, Maryland	Citizenship Turkey	
Residence Address (Street/City/State/Zip) 17007 Indian Grass Drive, Germantown, Maryland 20874		
Full Name of Joint Inventor: Feng-Wen Sun	Inventor's Signature:	Date:
Residence (City and State) Germantown, Maryland	Citizenship China	
Residence Address (Street/City/State/Zip) 17904 Wheatridge Drive, Germantown, Maryland		
Full Name of Joint Inventor: Lin-Nan Lee	Inventor's Signature:	Date:
Residence (City and State) Potomac, Maryland	Citizenship USA	
Residence Address (Street/City/State/Zip) 1004 Flower Gate Terrace, Potomac, Maryland 20854		